

IN THE CLAIMS:

Please amend the claims as indicated. A complete set of the claims is included below, reflecting added subject matter (*underlining*) and deleted subject matter (*strikethrough*), as well as the current status of each claim. This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of determining and refining a location of a mobile device having a short range radio frequency (RF) transceiver, comprising:

using a processor of a mobile device to:

~~gathering~~ a list of ~~wireless~~ device addresses of wireless accessible devices near
the mobile device, the devices ~~nearby devices~~ in communication with a network ~~by the~~
~~mobile device;~~

~~sending~~ a location request from the mobile device to a location service located on
a server and accessible through the network, the network accessed wirelessly by the
mobile device;

using a processor of the server to:

~~accessing~~ a database of known device locations to determine a zone in which the
mobile device is in;

correlate ~~correlating~~ the list of addresses near the mobile device with a particular
zone using ~~with~~ zone information stored in ~~of~~ the database, ~~wherein the zone information~~
comprises device addresses that define one or more zones; and

send an estimated position of the mobile device to the mobile device, receiving at
~~the mobile device from the location service an estimated position of the mobile device.~~

2. (Canceled)
3. (Original) The method of claim 1, wherein the estimated position includes a text based description.
4. (Original) The method of claim 1, further comprising:
providing an approximate position of the mobile device to the location service.
5. (Original) The method of claim 4, wherein the approximate position is determined by a global positioning system (GPS) device.
6. (Previously Presented) The method of claim 1, further comprising:
providing a reply to the location service that the estimated position is incorrect, based on a comparison with an approximate position determined by the mobile device.
7. (Currently Amended) A method of determining and refining a location of a mobile device having a short range radio frequency (RF) transceiver, comprising:
using a processor of a server to:
receive ~~receiving~~ a location request from a mobile device over a communication network;
receive ~~receiving~~ from the a mobile device a list of ~~wireless~~ device addresses of wireless accessible devices nearby the mobile device, the devices ~~that are~~ in communication with the communications network;

~~access~~ ~~accessing~~ a database of known device locations to determine a zone in which the mobile device is in;

~~correlate~~ ~~correlating~~ the list of addresses near the mobile device with a particular zone using ~~with~~ zone information stored in ~~of~~ the database, wherein the zone information comprises device addresses that define one or more zones; and

~~send~~ ~~sending~~ a location estimation to the mobile device.

8. (Previously Presented) The method of claim 7, wherein the location estimation includes a text based description of the position.
9. (Previously Presented) The method of claim 7 further comprising:
receiving the location estimation of the mobile device.
10. (Previously Presented) The method of claim 9, wherein the location estimation is determined by a global positioning system (GPS) device.
11. (Previously Presented) The method of claim 7 further comprising:
receiving from the mobile device that the location estimation is incorrect, based on a comparison with an approximate position determined by the mobile device.
12. (Currently Amended) A method of network communication using a location service to determine a location for a mobile device having a short range radio frequency (RF) transceiver, comprising:

selectively gathering and storing in a database, a list of wireless addresses of devices near ~~said a~~ a mobile device, ~~and~~ including stationary devices at known locations, in communication with a communications network by the mobile device;

sending a location request to a location service accessible through the network and accessed wirelessly by the mobile device, the location service being configured to access the database of known device locations;

correlating the list of addresses with zone information of the database; and

receiving from the location service a location estimation of the mobile device.

13. (Original) The method of claim 12, wherein the location estimation includes a text based description of the mobile device location.

14. (Original) The method of claim 12, wherein the location estimation includes a graphical description of the mobile device location.

15. (Original) The method of claim 12, further comprising:
providing an approximate position of the mobile device to the location service.

16. (Original) The method of claim 15, wherein the approximate position is determined by a global positioning system (GPS) device.

17. (Previously Presented) The method of claim 15, further comprising:

providing a reply to the location service that the location estimation is incorrect, based on a comparison with an approximate position determined by the mobile device.

18. (Previously Presented) A system for locating a wireless device in wireless communications with a communications network including a plurality of stationary devices at known locations, comprising:

access points coupled to the communications network and being configured to communicate with the wireless device;

a server coupled to the communications network, the server configured to receive location requests from the wireless device, the location request including a list of wireless addresses of the devices including stationary devices at known locations coupled to the communications network that are nearby the wireless device, the server configured to correlate the list of wireless addresses with an estimated location, and wherein the server is configured to send the estimated location to the wireless device.

19. (Original) The system of claim 18, wherein the wireless device includes a Bluetooth transceiver.

20. (Original) The system of claim 18, wherein the wireless device includes an IEEE 802.11 transceiver.

21. (Original) The system of claim 18, wherein the at least one other device includes a printer.

22. (Original) The system of claim 18, wherein the at least one other device includes a computer.

23. (Original) The system of claim 18, wherein the wireless device is configured to provide the estimated location of the wireless device on a graphical map.

24. (Currently Amended) A method for developing a database for a location determination service, comprising:

building a map of an area served by a network;

entering the locations of stationary and permanent devices and the associated device addresses into a database, ~~by a mobile device~~;

recording, using a test device, at multiple locations one or more accessible wireless addresses;

combining the map, the locations of stationary and permanent devices, and the accessible locations into the database; and

defining one or more coverage zones of the area served by the network.